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cocklebur, common	<u>Xanthium pensylvanicum</u> Wallr.	94,98,154
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giant	<u>S. faberii</u> Herrm.	33,36,94,98 108,130,144,146 148,149,150,154 160,164,176,181

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panicum, fall	<u>Panicum dichotomiflorum</u> Michx.	114,141,168 170,176,181



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ragweed, common	<u>Ambrosia artemisiifolia</u> L.	72,76,77,86,94 98,113,114,119 125,132,146,150 170,176,181,201
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velvetleaf	<u>Abutilon theophrasti</u> Medic	33,36,85,90 94,98,108,116 130,141,144,146,148 149,150,154,160,164
waterhemp, tall	<u>Amaranthus tuberculatos</u> (Moq.) J. Sauer	116,141,199
wild oat	<u>Avena fatua</u> L.	45,52,54,56 57,59,61,67,91
witchgrass	<u>Panicum capillare</u> L.	114,163

## INDEX - HERBICIDES

Nomenclature is based on Weed Science Society of America designations for common names for herbicides. If no common name has been assigned, herbicides are listed by code numbers or by chemical name. Names beginning with numbers are indexed as if the names were spelled out. New herbicides reported only in 1972 and 1973 are indicated with an asterisk (\*).

## A

A-820	see dibutalín	
*AC-84777	1,2-dimethyl-3,5-diphenylpyrazolium methyl sulfate	45,57,61,67
AC-92390	N- <u>sec</u> -butyl-2,6-dinitro-3,4-xylydine	7,69
AC-92553	N-(1-ethylpropyl)-2,6-dinitro- 3,4-xylydine	76,86,98,114 119,125,154,163 164,176,181,187,190
acylaminothiazole	see MB-14255	
alachlor	2-chloro-2',6'-diethyl-N- (methoxymethyl) acetanilide	33,36,38,41,48 72,76-78,86,94 98,108,112-114,116 119,125,130,132,136 141,144,148-150,154,157 160,163,164,166-168,170 176,181,187,190,196,199,201
ametryne	2-(ethylamino)-4-(isopropylamino)-6- (methylthio)- <u>s</u> -triazine	168
amitrole	3-amino- <u>s</u> -triazole	157
asulam	methyl sulfonylcarbamate	10,12,86,113 116,119,125,170
atrazine	2-chloro-4-(ethylamino)-6- (isopropylamino)- <u>s</u> -triazine	2,20,33,41,141 144,146,148-150 154,157,160,163,164 166-168,170,172,176,181 186,187,190,196,199,201

## B

barban	4-chloro-2-butynyl <u>m</u> -chlorocanbanilate	45,52 57,59,61,67
BAS-3580	bentazon (26%) + dichlorprop (34.8%)	63
BAS-3921-H	<u>N</u> -propyl- <u>N</u> -(2-chloroethyl)-2,6-dinitro-4-trifluoromethylaniline	75,91,116
BAY-2236	1,1-dimethyl-3-( <u>m</u> -chloro- <u>p</u> -trifluoromethoxyphenyl)	36
benefin	<u>N</u> -butyl- <u>N</u> -ethyl- <u>a,a,a</u> -trifluoro-2,6-dinitro- <u>p</u> -toluidine	7
bentazon	3-isopropyl-1H-2,1,2-benzothiadiazin-(4)3H-one 2,2-dioxide	10,12 30,31,33 36,38,48,59,63 72,77-79,85,91,93,94 98,108,112-114,116,119 124,125,132,136,144,154 160,163,167,181,187,190,199
benzadox	(benza-midooxy) acetic acid	73
bifenox	methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate	33,48,86,94,98,113,114 116,119,125,132,136,141,150 154,160,163,181,187,190,201
bromoxynil	3,5-dibromo-4-hydroxybenzonitrile	48,63,65,98
Buban 37	see bulab 37	
*bulab 37 (Buban 37)	3',5'-dinitro-4'-(di- <u>n</u> -propylamino)acetophenone	69,125,181
butylate	<u>S</u> -ethyl diisobutylthiocarbamate	33,41,141,146 148,149,154,163,164 166-168,175,181,187,190,196

## C

carbetamide	<u>D-N</u> -ethyl lactamide carbanilate (ester)	10,12
CGA-10832	see profluralin	
chloramben	3-amino-2,5-dichlorobenzoic acid	72,75-79,94 94,108,113,114,116,125,132 136,141,150,154,170,199,201

chlorbromuron	N-(4-bromo-3-chlorophenyl)-N'methoxy-N'-methlurea 33, 38, 86, 90, 94, 98 108, 113, 114, 116, 119 125, 141, 148, 154, 164, 181
chloroxuron	3- <u>p</u> -( <u>p</u> -chlorophenoxy)phenyl-1,1-dimethylurea 36, 98, 116
chlorpropham	isopropyl m-chlorocarbanilate 79, 86, 94, 98 113, 114, 119, 163
CIPC	see chlorpropham
cycloate	<u>S</u> -ethyl N-ethylthiocyclohexanecarbamate 69, 83
cyanazine	2-[[4-chloro-6-(ethylamino)-s-triazin-2-yl]amino]-2-methylpropionitrile 2, 7, 10, 12, 33 48, 59, 63, 86, 91 94, 98, 108, 113, 114 116, 119, 125, 132, 136, 141 144, 148-150, 154, 157, 160 163, 164, 166, 168, 170, 176 181, 187, 190, 196, 199, 201
cyprazine	2-chloro-4-cyclopropylamine-6-isopropylamino-1,3,5-triazine 33, 144, 148, 149, 154, 160 163, 166-168, 181, 187, 190
D	
dalapon	2,2-dichloropropionic acid 36, 157
desmedipham	ethyl <u>m</u> -hydroxycarbanilate carbanilate (ester) 79, 83
diallate	<u>S</u> -(2,3-dichloroallyl) diisopropylthiocarbamate 83
dibutalin (A-820)	<u>N</u> -secondary-butyl-4-tertiary-butyl-2,6-dinitroaniline 7, 86, 98, 114, 116, 119
dicamba	3,6-dichloro-o-anistic acid 1, 2, 4, 16, 23, 29 30, 32, 33, 63, 86, 119 125, 144, 150, 154, 160, 163 164, 166, 170, 181, 187, 190
dichlorprop	2-(3,4-dichlorophenoxy)propionic acid 27
dinitramine	<u>N</u> <sup>4</sup> , <u>N</u> <sup>4</sup> -diethyl- <u>a</u> , <u>a</u> , <u>a</u> -trifluoro-3,5-dinitrotoluene-2,4-diamine 72, 75-78, 86 91, 98, 114, 116 119, 125, 132, 136

dinoseb	2- <u>sec</u> -butyl-4,6-dinitrophenol	38,72,77,78 86,91,94,98,113 114,119,132,136
diquat	6,7-dihydrodipyrido[1,2- <u>a</u> :2',1'- <u>c</u> ]pyra- zinediium ion	27,125,176
diuron	3-(3,4-dichlorophenyl)-1,1-dimethylurea	7,48
DNBP	see dinoseb	
Dowco 290	3,6-dichloropicolinic acid	63,79
DS-5328	2,5-dimethyl-1-pyrrolidinecarboxanilide	150 154,163,164,168 176,181,199,201

## E

EL-5279	Experimental (1:3) combination of trifluralin and isopropalin	36
endothall	7-oxybicyclo(2.2.1)heptane-2,3-dicarboxylic acid	27
EP-475	ethyl <u>m</u> -hydroxycarbanilate carbanilate	73
EPTC	S-ethyl dipropylthiocarbamate	7,33,72,75-79 83,91,146,148,149,154 163,164,166-168,175 176,181,187,190,196
ethiolate	see S-15076	

## F

fenac	(2,3,6-trichlorophenyl)acetic acid	27
fluchloralin	<u>N</u> -(2-chloroethyl)-2,6-dinitro- <u>N</u> -propyl- 4-(trifluoromethyl)aniline	7,48 72,76,94,98 114,125,132,136
fluorodifen	2,4-dinitro-4-trifluoromethyldiphenylether	72,75,77-79,86,90 94,98,108,113,116 119,125,132,136,163
fluometuron	1,1-dimethyl-3-( <u>a</u> , <u>a</u> , <u>a</u> -trifluoro- <u>m</u> - tolyl)urea	199,201

## G

- glyphosate N-(phosphonomethyl)glycine 2, 29, 32, 36, 108, 125  
157, 172, 175, 176, 186, 194
- GS-13529 see terbuthylazine
- GS-14254 2-sec-butylamino-4-ethylamino-6-methoxy-s-  
triazine 2, 7, 10, 12

## H

- H-22234 N-chloroacetyl-N-(2, 6-diethylphenyl)-glycine  
ethyl ester 36, 48, 69, 79, 86  
116, 119, 125, 141, 150  
154, 163, 170, 176, 181

## I

- IPC see propham

## L

- linuron 3-(3, 4-dichlorophenyl)-1-methoxy-1-methylurea  
33, 38, 48, 86, 94  
98, 108, 113, 114  
116, 119, 125, 130, 132  
136, 148, 150, 154, 160  
164, 170, 181, 199, 201

## M

- \*M-3785 2, 4-D + 3, 6-dichloropicolinic acid 48, 63, 144
- MB-14255 5-bromo-2-cyclopropanecarbonamidothiazole  
(acylaminothiazole) 38, 94, 125, 170
- \*MBR-8251 4-phenylsulfonyltrifluoromethanesulfona-o-  
toluidide 38, 94, 76, 98, 108, 112, 154, 160
- MC-4378 methyl-s-(2, 4-dichlorophenoxy)-2-nitrobenzoate  
63
- MC-4379 methyl-5-(2', 4'-dichlorophenoxy)-2-  
nitrobenzoate 59, 75, 91, 108, 196, 201
- MCPA [(4-chloro-o-tolyl)oxy] acetic acid 45, 48, 52  
57, 63, 65
- MCPB 4-[(4-chloro-o-tolyl)oxy] butyric acid 36
- methazole 2-(3, 4-dichlorophenyl)-4-methyl-1, 2, 4-  
oxadiazolidine-3, 5-dione 154, 164, 176, 201



metribuzin	4-amino-6- <u>tert</u> -butyl-3-(methylthio)- <u>s</u> -triazin-5(4H)one	2,7,10,12,36,38,48,63,79 86,91,94,98,108,112-114 116,119,125,132,136,141 154,157,163,170,176,181
molinate	<u>S</u> -ethyl hexoahydro-1 <u>H</u> -azepine-1-carbothioate	48
N		
naphtalam	<u>N</u> -1-naphthylphthalamic acid	77,78,86 94,98,113,119
napropamide	2-( <u>a</u> -naphthoxy)- <u>N,N</u> -diethylpropionamide	76,113,170
NC-8438	2-ethoxy-2,3-dihydro-3,3-dimethyl-5-benzofuranyl methanesulfonate	79,73,79,83
NIA-21844	6- <u>tert</u> -butyl-3-isopropylisoxazolo-[5,4- <u>d</u> ]pyrimidin-4(5H)-one	150
*NIA-23486	6- <u>tert</u> -butyl-3-isopropylisoxazolo-[3,4- <u>d</u> ]pyrimidin-4(5H)-one	150
nitralin	4-(methylsulfonyl)-2,6-dinitro- <u>N,N</u> -dipropylaniline	7,86,98,119,125
norea	3-(hexahydro-4,7-methaniondan-5-yl)-1,1-dimethylurea	199,201
O		
oryzalin	3,4-dinitro- <u>N</u> <sup>4</sup> , <u>N</u> <sup>4</sup> -dipropylsulfanilamide	86,94,98,108,113,116,119
oxadizon	see RP-17623	
P		
paraquat	1,1'-dimethyl-4,4'-bipyridinium ion	2,27,108,125,130,176
phenmedipham	methyl <u>m</u> -hydroxycarbanilate <u>m</u> -methylcarbanilate	73,79,83
picloram	4-amino-3,5,6-trichloropicolonic acid	1,2,4,16,23,29,30,38,41
PPG-124	<u>p</u> -chlorophenyl- <u>N</u> -methylcarbamate	79



pronamide	N-(1,1-dimethylpropynyl)-3,5-dichlorobenzamide 7
propachlor	2, chloro-N-isopropylacetanilide 36,48,65,141 148,150,154,164,176 181,187,190,199,201
propanil	3',4'-dichloropropionanilide 48
propazine	2-chloro-4,6-bis(isopropylamino)-s-triazine 201
propham	isopropyl carbanilate 36,79
profluralin (CGA-10832)	N-(cyclopropylmethyl)-a,a,a-trifluoro-2,6- dinitro-N-propyl-p-toluidine 7,75,76,86,91 94,98,114,116 119,125,132,136
prynachlor	2-chloro-N-(1-methyl-2-propynyl) acetanilide 33
pyrazon	5-amino-4-chloro-2-phenyl-2(2H)-pyridazonone 69,83
R	
R-25788	N,N-diallyl-2,2-dichloroacetamide 33,79,149 163,164,167,168,176,181
R-25823	N-t-butyl-2-(3',5-dichlorophenoxy) butyramide 38,79,112,170
R-7465	2-(a-naphthoxy)-N,N-diethylpropionamide 75
*RP-17623 (oxadiazon)	2-tert-butyl-4-2'-4'-dichloro-5'- isopropoxyphenyl-1,3,4-oxadiazolin-5-one 79,86,94,113 116,119,125,170
S	
S-15076 (ethiolate)	S-ethyl diethylthiocarbamate 33,164,181
SD-30053	ethyl 2-(N-benzoyl-3,4-dichloroanilino) dichloroanilino)propionate 45,59,61
silvex	2-(2,4,5-trichlorophenoxy)propionic acid 2,16,23

simazine	2-chloro-4,6-bis(ethylamino)- <u>s</u> -triazine	2,7 10,12,14,8,154 163,164,166,168
SN-503	mixture of phenmedipham and EP-475	73
SN-517	mixture of fluorodifen and phenmedipham	79
T		
terbacil	3- <u>tert</u> -butyl-5-chloro-6-methyluracil	2,7,10,12
terbuthylazine (GS-13529)	2- <u>tert</u> -butylamino-4-chloro-6-ethylamino- <u>s</u> -triazine	201
terbutryn	2-( <u>tert</u> -butylamino-4-(ethylamino)-6-(methylthio)- <u>s</u> -triazine	199,201
*TO-2	5-chloro-4-methyl-2-propionamidothiazole	48
triallate	<u>S</u> -(2,3,3-trichloroallyl) diisopropylthiocarbamate	45,54,56,61
trifluralin	<u>a,a,a</u> -trifluoro-2,6-dinitro- <u>N,N</u> -dipropyl- <u>p</u> -toluidine	7,36,72,75-79,86 91,94,98,114,116 119,125,132,136,190
2,4-D	(2,4-dichlorophenoxy) acetic acid	1,4,16,23 27,29,30,32,38 45,48,57,49,63,125 141,144,160,199,201
2,4-DB	4-(2,4-dichlorophenoxy)butyric acid	7,16,23,112
2,4,5-T	(2,4,5-trichlorophenoxy)acetic acid	2,4,16,23,30
V		
vernolate	<u>S</u> -propyl dipropylthiocarbamate	86,91,94,98 108,112,114,116,119 132,136,141,148,154,163 164,166-168,181,187,190

## INDEX - CODED COMPOUNDS

The research reports include evaluations from field trials of coded herbicides for which the chemistry is not released. The Research Committee endorsed this procedure in order to make the Research Report more complete. The herbicides are listed in alphabetical order. New compounds reported only in 1972 and 1973 are indicated with an asterisk (\*).

*AC-99794	45	*R-25823	69,76,125
BAS-72461	146,167,170,176	*R-31401	69,146,149,150 154,170,176,181
*CRD-685731	69	*RH-2512	112,113,114,170
*CRD-723052	69	*RH-2912	112,113
*CRD-723053	69,73	*RH-2915	114,176
*Dowco 3785	160	RP-20810	75
*DS-19206	149,154,181	*S-18510	69
*H-18467	69	*S-21634	48,108,112 154,160,167
*H-25893	69,150,176	S-6044	38
*HCS-3438	176	S-6176	187,190
*HOE-22870	36,48,73,94	*S-6797	108,125,170
HOE-22897	93	*S-6851	108,125,170
*HOE-23408	36,48,73,93,124	*SD-26624	45,59,67
ICS-3510	75	*SD-29761	45,59,67
MB-20035	48	*SD-29762	45,59
*NIA-25213	125	*SN-514	73
*NIA-29614	154,164	*SN-515	73
*NIA-29615	154,164,176	*TD-1874	27
*NIA-29616	176	*TD-1929	27
R-25788	69		



